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**TITLE:** ANTIBACTERIAL DEODORIZING EQUIPMENT  
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**INVENTOR-INFORMATION:**

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**ABSTRACT:**

**PROBLEM TO BE SOLVED:** To surely show the action of an antibacterial component and a deodorizing component by arranging a deodorizer and a sterilizer which generates a volatile antibacterial component being heavier than air in a container, forming an air taking port in a part upper than the deodorizer and forming a port for discharging the volatile antibacterial component in a part lower than the air taking port.

SOLUTION: An antibacterial deodorizing equipment 1 is provided with a rectangular solid-shaped container main body 2 having an opening in an upper part and a cap 3. The antibacterial agent 5 is arranged inside the container main body 2 and the deodorizer 6 is arranged in the upper part of a grid body 3b which is fitted in the upper part of the opening on the lower end surface 3a of the cap 3. When the antibacterial agent 5 volatilizes the volatile antibacterial component, the antibacterial component; is discharged from the lower part of the opening 3c to the outside of the container 4. The discharged volatile antibacterial component is moved to the lower part of the container 4 because it is heavier than air so that a falling air flow downwards is generated in result. Therefore, air correlatively comes into the cap 3 smoothly from the air taking port in the upper part of the opening 3c so as to be brought into contact with the deodorizer 6.

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